

comprising 65% to 99% by weight water and an organic component containing molecules having lipophilic and hydrophilic groups, wherein at a temperature at which cleaning takes place, said organic component is present in said water at a concentration greater than its miscibility in said water, whereas at at least one of a different temperature and a different concentration, said organic component is completely dissolvable in said water so as to form an optically clear liquid, and wherein said liquid cleaning composition, during a cleaning, is maintained in a status of an emulsion by mechanical agitation.

48. A method according to claim 47, wherein said cleaning composition is brought into contact with an article at a cleaning temperature of from 40 to 60°C.

49. A method according to claim 47, wherein the mechanical agitation is effected by ultrasound.

50. A method according to claim 47, wherein said liquid cleaning composition forms an azeotrope, and which furthermore includes the steps of vaporizing said liquid cleaning composition, and of causing vapor from said liquid cleaning composition to condense on said article that is to be cleaned therewith.

54. A liquid cleaning composition for cleaning an article, comprising:

65% to 99% water; and

an organic component containing molecules having lipophilic and hydrophilic groups, wherein at a temperature at which a cleaning takes place, said organic component is present in said water at a concentration greater than its miscibility in said water, whereas at at least one of a different temperature and a different

concentration, said organic component is completely dissolvable in said water so as to form an optically clear liquid, and wherein said liquid cleaning composition, during a cleaning, is maintained as an emulsion with droplets of an organic phase in a continuous aqueous phase.

56. A liquid cleaning composition according to claim 54, wherein said organic component is completely dissolved in said water at a temperature that is lower than said cleaning temperature.

57. A liquid cleaning composition according to claim 54, wherein said water is present by at least 75% by weight.

58. A liquid cleaning composition according to claim 54, wherein said water is present by at least 85% by weight.

63. A liquid cleaning composition according to claim 54, wherein said organic component comprises glycol ether.

Please cancel claims 55 and 59.